

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051521\
 Data File : BF123936.D
 Acq On : 15 May 2021 9:36
 Operator : JU/CG
 Sample : PB136395BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB136395BL

Quant Time: May 16 07:14:06 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 14 19:05:57 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	43230	20.00	ng	0.00
21) Naphthalene-d8	8.181	136	173305	20.00	ng	# 0.00
39) Acenaphthene-d10	9.939	164	98015	20.00	ng	0.00
64) Phenanthrene-d10	11.427	188	176224	20.00	ng	0.00
76) Chrysene-d12	14.063	240	145106	20.00	ng	0.00
86) Perylene-d12	15.551	264	122865	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	378215	122.84	ng	0.02
7) Phenol-d6	6.522	99	472445	118.28	ng	0.00
23) Nitrobenzene-d5	7.463	82	343695	85.45	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	153389	130.29	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	625624	78.55	ng	0.00
79) Terphenyl-d14	13.016	244	745532	77.82	ng	0.00

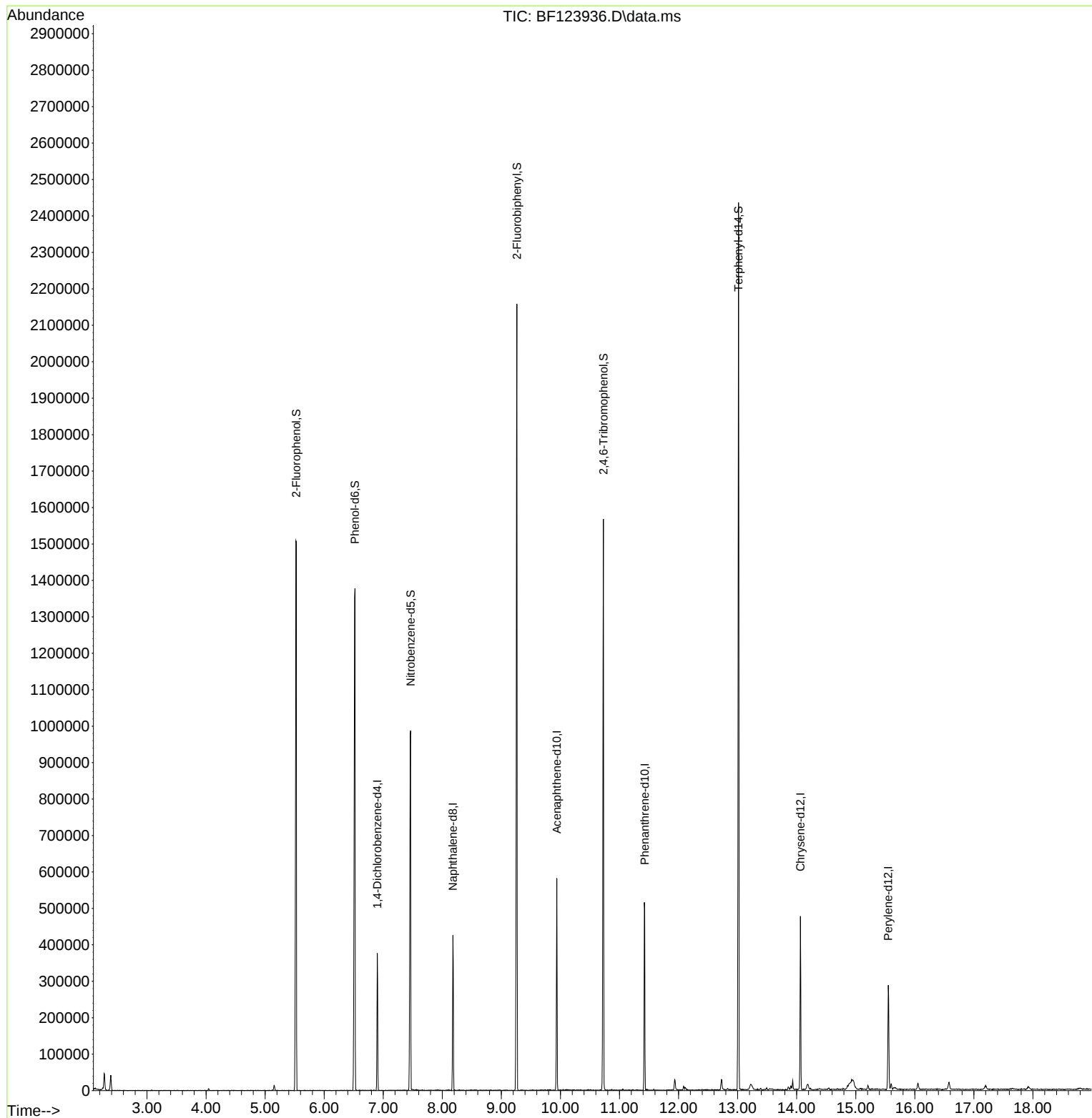
Target Compounds	Qvalue

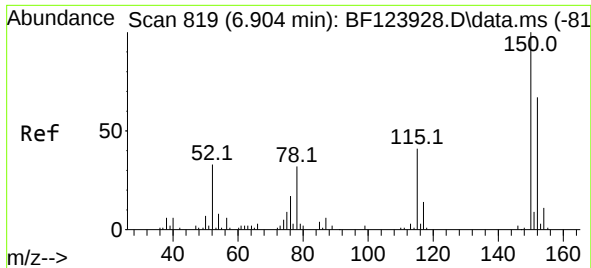
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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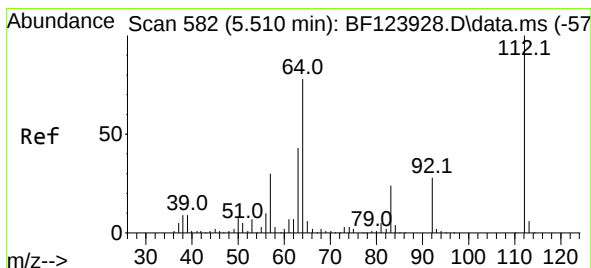
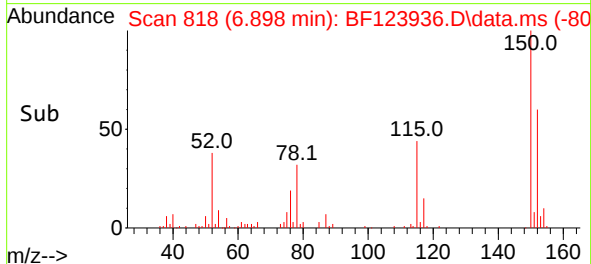
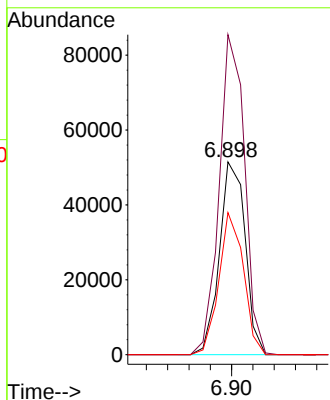
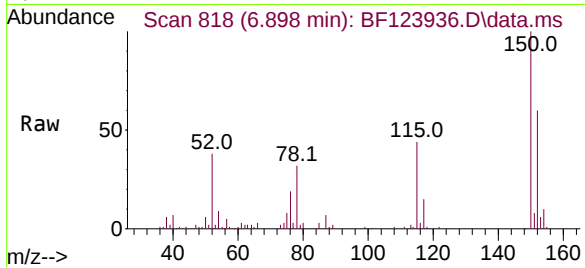




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.898 min Scan# 818
Delta R.T. -0.006 min
Lab File: BF123936.D
Acq: 15 May 2021 9:36

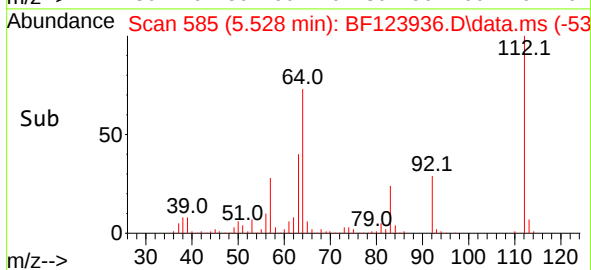
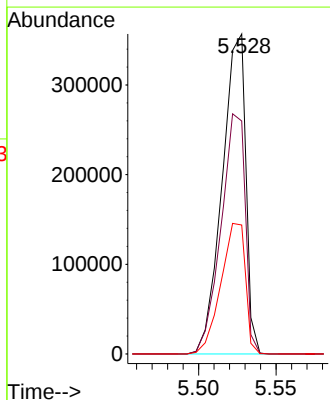
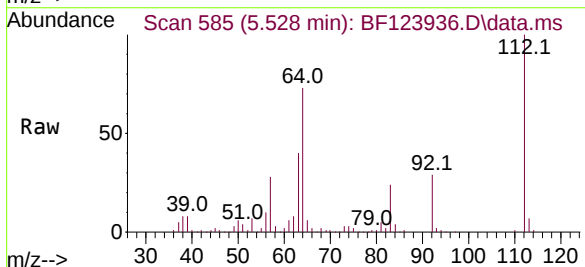
Instrument :
BNA_F
ClientSampleId :
PB136395BL

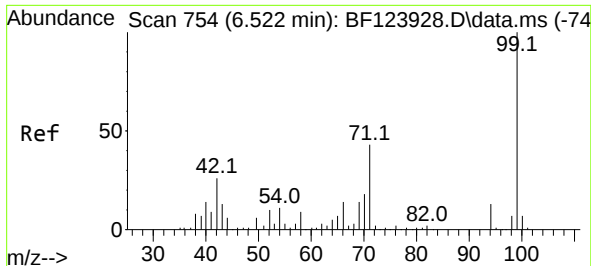
Tgt Ion:152 Resp: 43230
Ion Ratio Lower Upper
152 100
150 165.9 127.0 190.6
115 73.7 54.3 81.5



#5
2-Fluorophenol
Concen: 122.84 ng
RT: 5.528 min Scan# 585
Delta R.T. 0.018 min
Lab File: BF123936.D
Acq: 15 May 2021 9:36

Tgt Ion:112 Resp: 378215
Ion Ratio Lower Upper
112 100
64 72.8 61.4 92.0
63 40.3 33.0 49.4

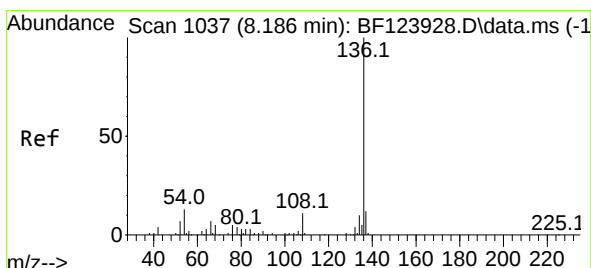
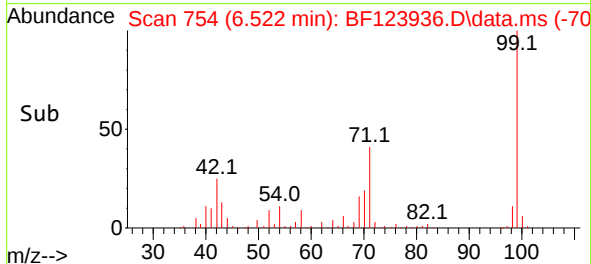
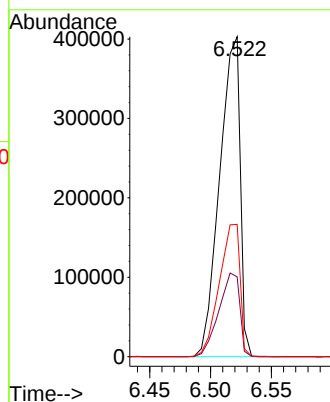
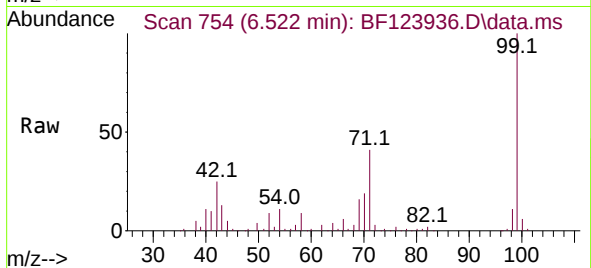




#7
Phenol-d6
Concen: 118.28 ng
RT: 6.522 min Scan# 754
Delta R.T. 0.000 min
Lab File: BF123936.D
Acq: 15 May 2021 9:36

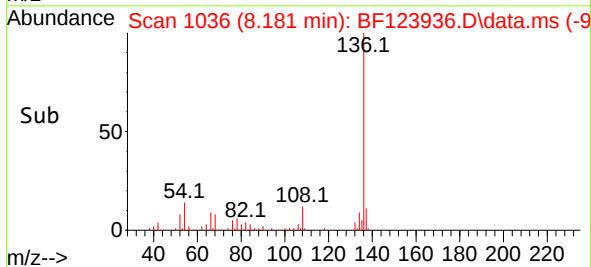
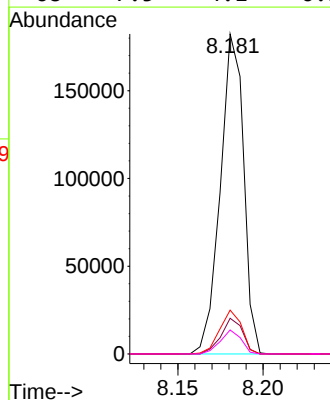
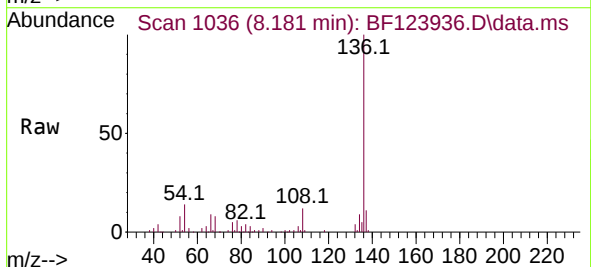
Instrument :
BNA_F
ClientSampleId :
PB136395BL

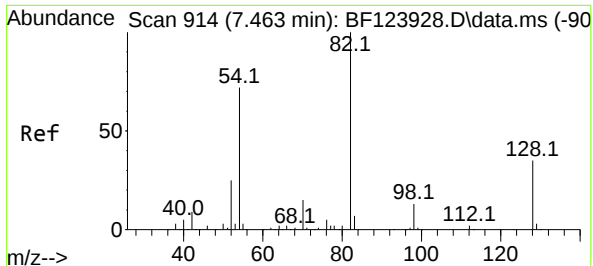
Tgt Ion:	99	Resp:	472445
Ion	Ratio	Lower	Upper
99	100		
42	24.9	19.8	29.8
71	41.3	31.1	46.7



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.181 min Scan# 1036
Delta R.T. -0.005 min
Lab File: BF123936.D
Acq: 15 May 2021 9:36

Tgt Ion:	136	Resp:	173305
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	13.7	9.8	14.6
68	7.5	4.1	6.1





#23

Nitrobenzene-d5

Concen: 85.45 ng

RT: 7.463 min Scan# 914

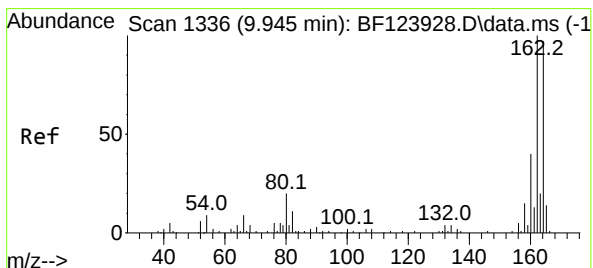
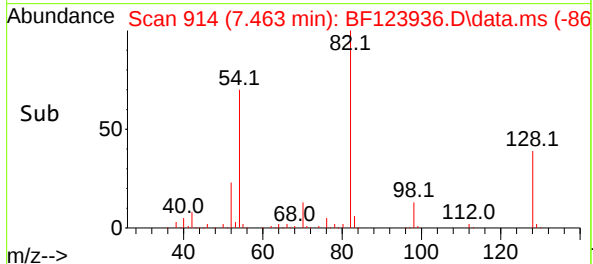
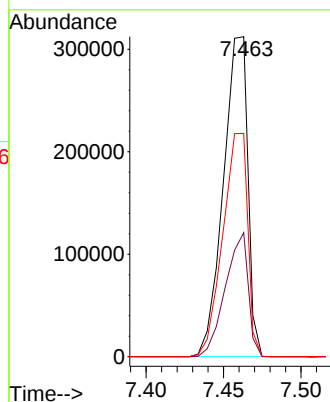
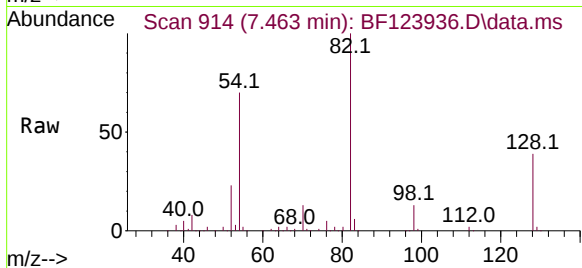
Delta R.T. 0.000 min

Lab File: BF123936.D

Acq: 15 May 2021 9:36

Tgt Ion: 82 Resp: 343695

Ion	Ratio	Lower	Upper
82	100		
128	38.8	29.4	44.2
54	69.7	54.1	81.1



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.939 min Scan# 1335

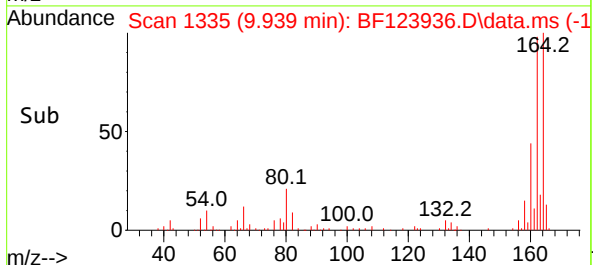
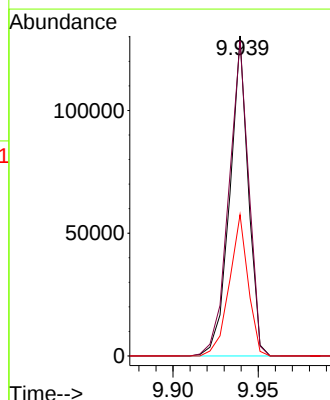
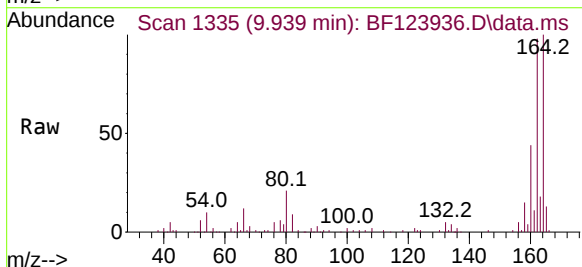
Delta R.T. -0.006 min

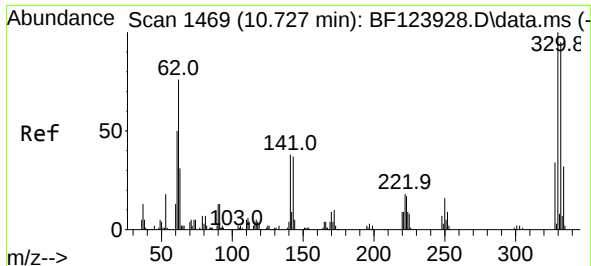
Lab File: BF123936.D

Acq: 15 May 2021 9:36

Tgt Ion: 164 Resp: 98015

Ion	Ratio	Lower	Upper
164	100		
162	98.5	80.7	121.1
160	44.2	37.3	55.9

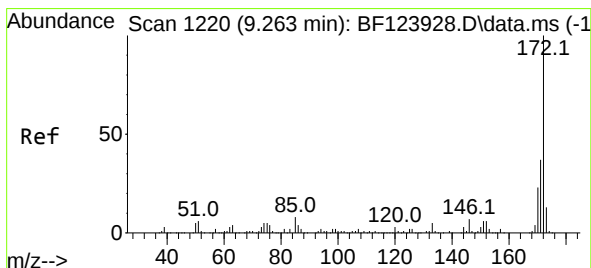
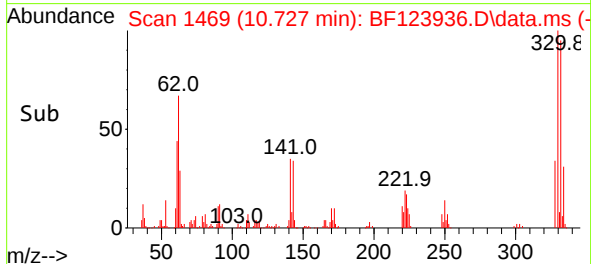
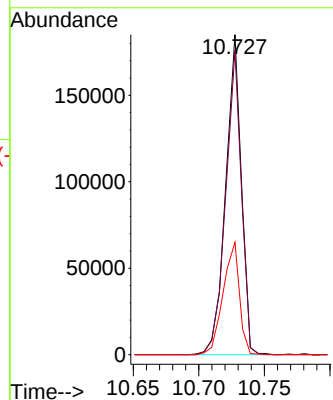
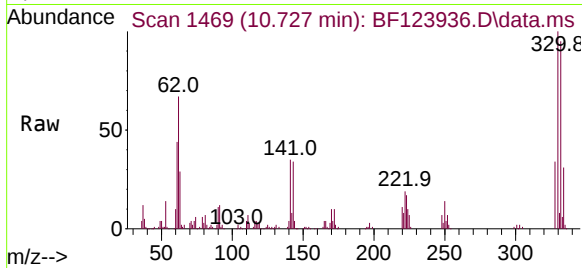




#42
2,4,6-Tribromophenol
Concen: 130.29 ng
RT: 10.727 min Scan# 1469
Delta R.T. 0.000 min
Lab File: BF123936.D
Acq: 15 May 2021 9:36

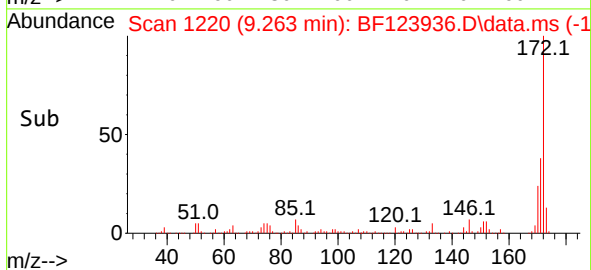
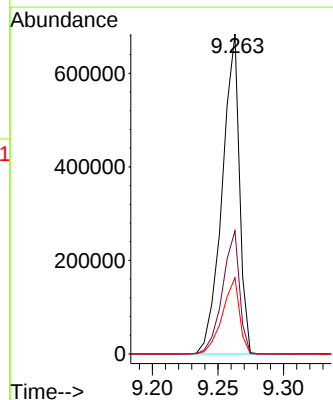
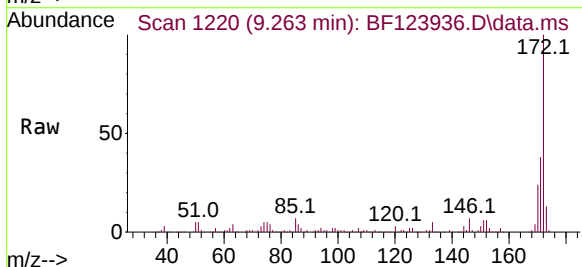
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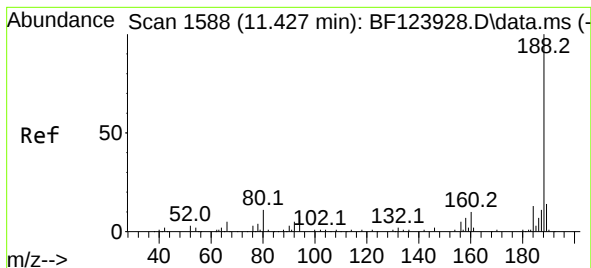
Tgt Ion:330 Resp: 153389
Ion Ratio Lower Upper
330 100
332 95.4 77.1 115.7
141 36.7 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 78.55 ng
RT: 9.263 min Scan# 1220
Delta R.T. 0.000 min
Lab File: BF123936.D
Acq: 15 May 2021 9:36

Tgt Ion:172 Resp: 625624
Ion Ratio Lower Upper
172 100
171 38.5 28.1 42.1
170 23.8 19.2 28.8





#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.427 min Scan# 1588

Delta R.T. 0.000 min

Lab File: BF123936.D

Acq: 15 May 2021 9:36

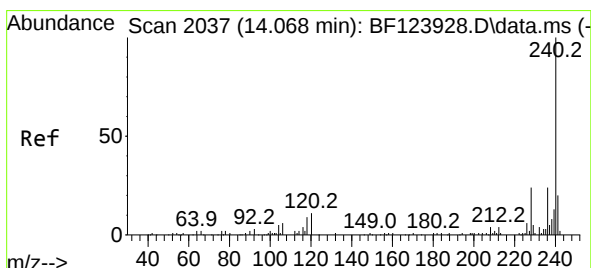
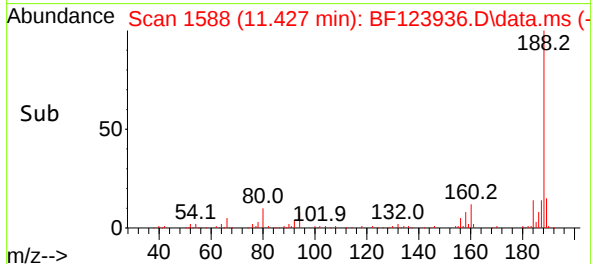
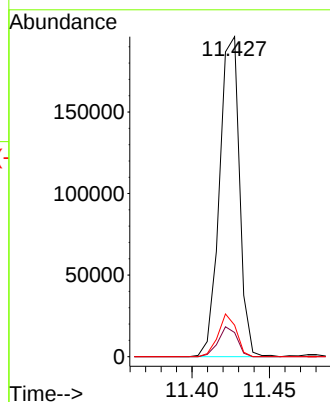
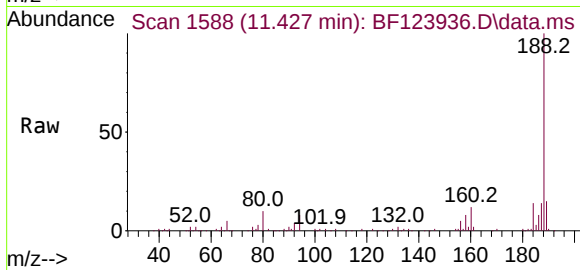
Tgt Ion:188 Resp: 176224

Ion Ratio Lower Upper

188 100

94 7.6 6.9 10.3

80 9.9 8.2 12.2



#76

Chrysene-d12

Concen: 20.00 ng

RT: 14.063 min Scan# 2036

Delta R.T. -0.006 min

Lab File: BF123936.D

Acq: 15 May 2021 9:36

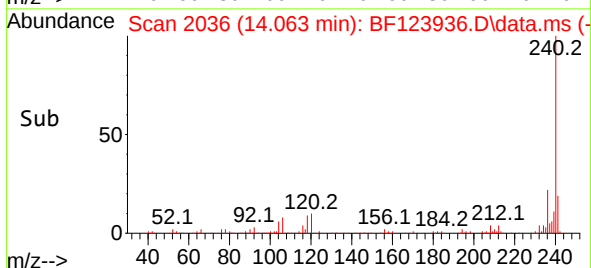
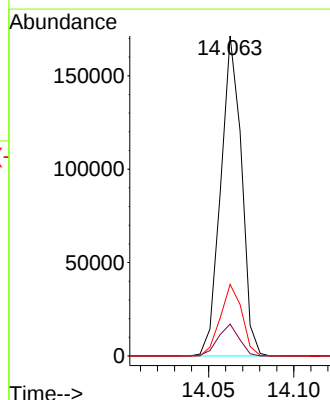
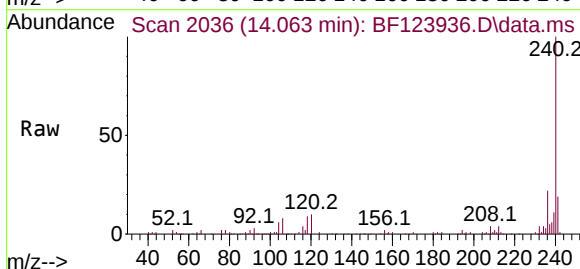
Tgt Ion:240 Resp: 145106

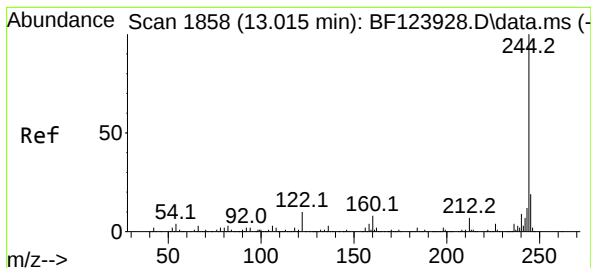
Ion Ratio Lower Upper

240 100

120 10.0 7.2 10.8

236 22.3 19.0 28.4





#79

Terphenyl-d14

Concen: 77.82 ng

RT: 13.016 min Scan# 1858

Delta R.T. 0.000 min

Lab File: BF123936.D

Acq: 15 May 2021 9:36

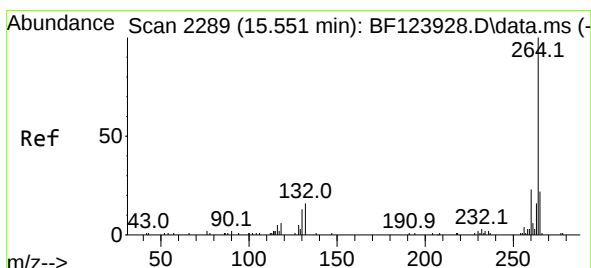
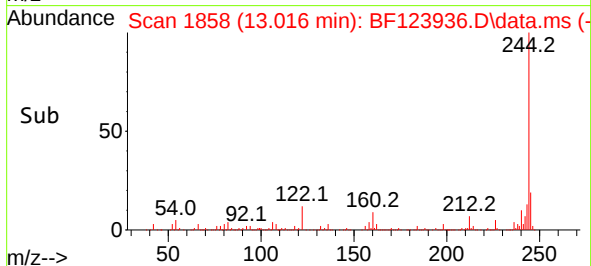
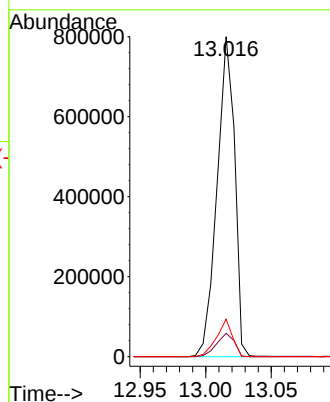
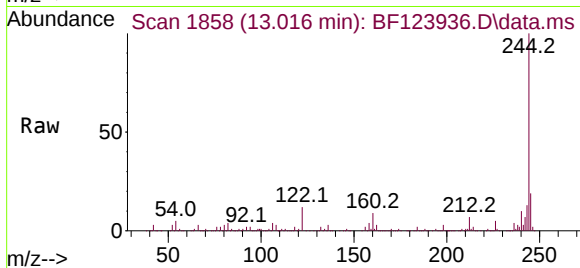
Tgt Ion:244 Resp: 745532

Ion Ratio Lower Upper

244 100

212 7.3 5.7 8.5

122 11.7 9.7 14.5



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.551 min Scan# 2289

Delta R.T. 0.000 min

Lab File: BF123936.D

Acq: 15 May 2021 9:36

Tgt Ion:264 Resp: 122865

Ion Ratio Lower Upper

264 100

260 24.4 18.7 28.1

265 21.3 17.8 26.8

